

Aviation Maintenance Officer Course (AMOC) Redesign

What is it?

The Aviation Maintenance Officer Course (AMOC) contains in-depth instruction on aviation maintenance and supply management, component shop operations, manning, capabilities, basics of electricity, Unit Level Logistics System-Aviation (ULLS-A(E)), managing the field level maintenance of PLL/SSL, and bench stock repair parts. This includes forecasting repair parts and manpower requirements for unit operational tempo (OPTEMPO); the management and disposition of operational aircraft and historical forms and records; completion of aviation readiness reports; Periodic and Phase Maintenance Programs at the Aviation Maintenance Company (AMC) and Aviation Support Company (ASC); Battle Damage Assessment and Repair (BDAR); aircraft systems inspection, troubleshooting and repair procedures; and various Standard Army Maintenance Information Systems (STAMIS) to include (ULLS-A(E), Standard Army Maintenance Systems Enterprise (SAMS-E), and Standard Army Retail Supply System (SARSS).

The AMOC Phase 1 Distributed Learning (dL) is designed to provide the prerequisite skills and knowledge required to efficiently and economically manage AMC and ASC aviation maintenance management programs. The Phase 1 dL is Web-based instruction hosted on the Army Learning Management System (ALMS). The course contains in-depth instruction on the Hazardous Communications Program (HAZCOM), Aviation Safety Management, Operational Readiness Float (ORF), Corpus Christi Army Depot (CCAD), Aircraft Storage, Army Aircraft Fuels, Operations Security (OPSEC), and Contracting Officer's Representative/Contracting Field Representative (COR/CFR). Training is reinforced using Interactive Multi-media Instruction (IMI) developed practical exercises.

The Phase 2 resident course covers Introduction to Logistics, Automation Procedures for Supply Publications, Aviation Maintenance Publications, Property Accountability, Aviation Maintenance Company Supply, Supply Support Activities, Standard Army Retail Supply System (EUM), Field Level Maintenance (AMC), Aircraft Readiness Reporting, Aviation Maintenance Forms and Records, Backshops ULLS-A (E), Aviation Maintenance Responsibilities, Operations, and Duties, Unit Level Logistics System-Aviation: ULLS-A(E), Aircraft Component Replacement, Scheduled Aircraft Maintenance, Unscheduled Aircraft Maintenance, Aviation Maintenance Man-Hour Estimates, Aircraft Weight and Balance, Precision Measuring Tools, Fundamentals of Electricity, Aviation Ground Support Equipment, Avionics / Instruments, Aircraft Compass Swing, Powertrain / NDI, Aircraft Vibration Analysis, Supervise Airframe Structural Repair, Aircraft Pneudraulics Shop, Aircraft Shipping, Aircraft Recovery, BDAR, and Aircraft Forms and Records (Logbook). Training is reinforced using practical exercises and checks on learning.

What has Army Aviation Done?

In 2008, the U.S. Army Aviation Center of Excellence (USAACE) Deputy Commanding General directed the Directorate of Training and Doctrine (DOTD) to develop a revised training strategy for aviation maintenance officer training, including Maintenance Test Pilots (MTPs). The intent was to merge the Aviation Maintenance Leader Course (AMLC) and the Aviation Maintenance Manager Course (AMMC), restructuring a portion

of the course to dL, shortening the resident portion of the Aviation Maintenance Officer Course (AMOC), and aligning with the Maintenance Test Pilot Course (MTPC). Phase 1 dL and Phase 2 resident AMOC redesign were implemented Oct. 1, 2009.

What continued efforts does Army Aviation have planned for the future?

DOTD is making preparations to hold a Critical Task Site Selection Board (CTSSB) to revamp the current Critical Task List for commissioned and warrant maintenance officers, including Aviation Maintenance Technicians, MOS 151A. The proposed period for the CTSSB is the third quarter of FY10. The results of the board are expected to necessitate a restructuring of the AMOC curriculum.

Why is this important to the Army and Army Aviation?

The AMOC is designed to provide the skills and knowledge required to efficiently and economically manage AMC and ASC aviation maintenance management programs.

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